

Facility ID: 0123010149 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 0123010149 Emissions Unit ID: F003 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Weigh Hoppers	OAC rule 3745-31-05 See F. 1.	2.33 LB Particulate Emissions/Hr 2.67 Tons Particulate Emissions/Yr Outlet grain loading from the weigh hopper vent shall not exceed .030 gr/dscf or there shall be no visible emissions from the outlet, whichever is less stringent.

2. Additional Terms and Conditions

- (a) None

B. Operational Restrictions

1. To ensure the fabric filter is operated according to the manufacturer's specifications and to maintain compliance with the allowable particulate emission rate, a pressure drop across the fabric filter of not less than 1 inch of water or greater than 5 inches of water shall be maintained at all times.
2. The cement hopper shall be adequately enclosed. The enclosure shall be sufficient so as to eliminate at all times visible emissions of fugitive dust. Additionally, water shall be applied, on an as needed basis, to the material handled by the weigh hoppers so as to minimize particulate emissions. There shall be no visible emissions from the weigh hoppers.
3. The permittee shall not operate this emission unit more than 2,288 hours per year.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain a monitoring device capable of accurately measuring the pressure drop across the fabric filter.
2. The permittee shall check the pressure drop once a day and maintain daily records of the pressure drop readings.
3. The permittee shall maintain the following monthly records:
 - a. the amounts of cement, sand and aggregate loaded into the weigh hoppers; and
 - b. the number of hours of operation.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the above-mentioned allowable pressure drop range.
2. The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

Emission limitation: 2.33 LB Particulate Emissions/Hr
2.67 Tons Particulate Emissions/Yr

Applicable Compliance Method: Use of an emission factor of .02 LB PM/Ton of material loaded into the weigh hoppers, a maximum loading rate of 39 Tons of cement /hr, a maximum loading rate of 232.5 Tons of sand and aggregate /hr, a control efficiency of 99.6% (for the cement weigh hopper vent filter), a control efficiency of 50% (for water suppression), and a maximum yearly operating rate of 2,288 hours per year.

Emission Limitation -

Visible particulate emissions from any stack shall not exceed twenty percent opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method -

Compliance shall be demonstrated by the method specified in OAC rule 3745-17-03(B)(1).

F. **Miscellaneous Requirements**

1. The terms and conditions contained in this permit shall supersede all the air pollution control requirements contained in permit to install 01-5648 issued for this emissions unit on May 17, 1995.